AMENDMENT UNDER 37 C.F.R. § 1.111 Attorney Docket No.: Q79289

Application No.: 10/750,971

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): An active component for aA cleaning solution for semiconductor substrates consisting-essentially of a nonionic surface active agent represented by the following formula (1), a chelating agent, and a chelating accelerator, and at least one additive selected from the group consisting of a corrosion inhibitor for metal, an anionic surface active agent, cationic surface active agent, nonionic surface active agent, dispersing agent and anti-foaming agent, wherein formula (1) is:

$$CH_3-(CH_2)_1-O-(C_mH_{2m}O)_n-X$$
 (1)

wherein I, m and n independently represent a positive number, and X represents a hydrogen atom or a hydrocarbon group, and

wherein a starting material of the oleophilic group portion, CH₃-(CH₂)_i-, is a primary alcohol and l is 9-11.

- 2. (canceled).
- (currently amended): A-The active component for a cleaning solution according to claim 1, wherein m is 2 and n is 5-10.
- (currently amended): <u>An active component for a cleaning solution for semiconductor</u> substrates consisting of a nonionic surface active agent represented by the following formula (1),

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a nonionic surface active agent represented by the following formula (2), a chelating agent, a chelating accelerator, and at least one additive selected from the group consisting of a corrosion inhibitor for metal, an anionic surface active agent, cationic surface active agent, nonionic surface active agent, dispersing agent and anti-foaming agent, wherein formula (1) is:

$$CH_3-(CH_2)_1-O-(C_mH_{2m}O)_n-X$$
 (1)

wherein I, m and n independently represent a positive number, and X represents a hydrogen atom or a hydrocarbon group, and

wherein a starting material of the olcophilic group portion, CH₂-(CH₂)_T, is a primary alcohol and 1 is 9-11. A cleaning solution for semiconductor substrates according to claim 1 or claim 3, which further comprises a nonionic surface active agent represented by the following and wherein formula (2) is:

$$CH_3-(CH_2)_a-O-(C_bH_{2b}O)_d-(C_xH_{2x}O)_y-X$$
 (2)

wherein a, b, d, x and y independently represent a positive number, b and x are different, and X represents a hydrogen atom or a hydrocarbon group, and

wherein the starting material of the oleophilic group portion, CH₃-(CH₂)_a-, is a primary alcohol and a is 9-11.

5. (canceled).

 (currently amended): A-The active component for a cleaning solution according to claim 4, wherein b is 2, x is 3-5, d is 10 or less and y is 5 or less. AMENDMENT UNDER 37 C.F.R. § 1.111 Attorney Docket No.: Q79289

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7. (currently amended): An active component for aA cleaning solution for semiconductor substrates consisting-essentially of a nonionic surface active agent represented by the formula (2), a chelating agent, and a chelating accelerator, and at least one additive selected from the group consisting of a corrosion inhibitor for metal, an anionic surface active agent, cationic surface active agent, nonionic surface active agent and anti-foaming agent, wherein formula (2) is:

$$CH_{3}-(CH_{2})_{a}-O-(C_{b}H_{2b}O)_{d}-(C_{x}H_{2x}O)_{v}-X$$
 (2)

wherein a, b, d, x and y independently represent a positive number, b and x are different, and X represents a hydrogen atom or a hydrocarbon group, and

wherein the starting material of the oleophilic group portion, CH₃₋(CH₂)_a-, is a primary alcohol and a is 9-11.

- 8. (canceled).
- (currently amended): A-The active component for a cleaning solution according to claim 7, wherein b is 2, x is 3-5, d is 10 or less and y is 5 or less.
 - 10. (canceled).
- 11. (currently amended): A-The active component for a cleaning solution according to claims 1, 4 or 710, wherein the chelating agent is at least one compound selected from the group consisting of ethylenediaminetetracetic acid, oxalic acid, ammonium oxalate, 1-

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hydroxyethylidenediphosphonic acid, citric acid, ammonium citrate, catechol, ethylenediaminediorthohydroxyphenylacetic acid [EDDHA], 8-quinolinol, and tropolone.

12-13. (canceled).

14. (currently amended): A-The active component for a cleaning solution according to claims 1.4 or 7-13, wherein the chelating accelerator contains a hydroxide and a fluoride or a salt thereof and wherein the hydroxide is at least one compound selected from the group consisting of ammonium hydroxide, tetramethylammonium hydroxide and choline.

15. (currently amended): A-The active component for a cleaning solution according to claims 1, 4 or 742, wherein the chelating accelerator contains a hydroxide and a fluoride or a salt thereof and wherein and the fluoride or salt thereof is hydrofluoric acid or ammonium fluoride.

16-21. (canceled).